ShortName	Trib	Dist	DelD	Filt	CFS	Temp	Cond	pH	Cl, diss	SO4, diss	Al, diss	Al, tot	Ba, diss	Ca, diss
Upstream from injection site	0	0		0.001	12.58	12.0	164	7.35	0.20	54.7	0.066	0.287	0.012	26.4
First site below injection	0	80	80	0.001	12.58	12.5	212	7.34	14.20	55.2	0.060	0.285	0.011	25.8
UAEH1 site. Ab Eureka Gulch.	0	282	202	0.001	12.58	13.1	210	7.41	11.42	55.2	0.074	0.300	0.012	25.2
Eureka Gulch	1	347	65	0.001	5.79	12.3	232	7.38	0.27	90.7	0.064	0.135	0.012	38.0
Blw Eureka Gulch	0	586	239	0.001	18.37	11.9	221	7.21	7.59	66.4	0.084	0.239	0.012	30.9
Near RB talus slope	0	786	200	0.001	18.37	11.9	207	7.28	7.59	66.5	0.065	0.238	0.012	30.7
Ab first braids	0	906	120	0.001	18.55	12.1	224	7.44	7.58	66.0	0.053	0.232	0.011	28.8
Upper braided reach	0	1,061	155	0.001	18.55	15.9	213	7.36	7.50	65.5	0.053	0.233	0.012	28.2
Left braid nr Forest Queen	0	1,411	350	0.001	18.55	14.9	183	7.27	7.61	66.5	0.065	0.224	0.012	29.8
Braid A	0	1,618	207	0.001	18.74	13.0	21	6.98	7.39	66.1	0.076	0.210	0.011	30.0
Braid B	0	1,618	0	0.001	18.74	12.9	223	7.45	7.39	66.1	0.079	0.209	0.012	29.1
Braid C	0	1,618	0	0.001	18.74	12.8	209	7.27	7.39	66.1	0.053		0.012	30.4
Braid D	0	1,618	0	0.001	18.74	14.4	210	7.17	7.39	66.1	0.077	0.194	0.011	28.5
Left braid blw Forest Queen	0	1,918	300	0.001	19.30	14.0	221	6.59	7.09	65.9	0.083	0.186	0.011	29.1
RB inflow resembles stream water	1	1,940	22	1.000	8.5	14.6	206	7.29	6.1	65.42	0.154	0.154	0.015	32.9
Ab Forest Queen inflow	0	2,030	90	0.001	27.80	11.7	187	7.13	5.00	61.3	0.059	0.136	0.012	27.57
Inflow from Forest Queen Mine	1	2,090	60	0.450	0.60	10.5	176	7.22	1.40	63.6	0.025	0.060	0.009	26.93
UAEH2 site. Ab Minnie Gulch.	0	2,240	150	0.001	28.35	11.9	144	6.78	4.45	62.2	0.039	0.120	0.012	27.9
Ab Minnie Gulch	0	2,420	180	0.001	28.35	12.2	146	6.65	4.51	61.8	0.048	0.118	0.011	26.9
Minnie Gulch	1	2,465	45	0.450	3.97	11.2	224	7.93	0.21	61.0	0.057	0.136	0.048	36.5
Blw Minnie Gulch A	0	2,620	155	0.001	32.31	13.0	145	7.03	3.93	61.9	0.067	0.120	0.015	29.0
Blw Minnie Gulch B	0	2,620	0	0.001	32.31	12.7	149	7.16	3.93	61.9	0.058	0.157	0.016	29.6
Near braided area	0	2,860	240	0.001	32.96	13.4	187	7.34	4.00	62.2	0.055	0.121	0.016	28.0
Ab inflow nr Kitty Mack	0	3,150	290	0.001	34.28	13.8	191	7.30	3.72	61.7	0.037	0.125	0.017	29.2
Ab Otto Gulch fan	1	3,165	15	0.450	4.11	12.4	240	6.32	0.24	128.0	0.085	0.068	0.016	49.5
Blw braids nr Kitty Mack	0	3,400	235	0.001	38.39	13.5	194	7.05	3.33	64.0	0.035	0.097	0.016	27.8
Drains hillslope or aluvium	1	3,405	5	0.450	4.22	8.0	177	7.11	0.65	58.9	0.028	0.016	0.027	30.6
Ab Maggie Gulch	0	3,435	30	0.001	42.62	13.4	194	6.88	2.94	63.5	0.053	0.089	0.018	29.7
Maggie Gulch	1	3,450	15	0.450	2.56	13.5	197	7.95	0.19	43.8	0.017	0.037	0.047	33.4
Blw Maggie Gulch	0	3,665	215	0.001	45.17	12.5	195	7.22	2.77	62.6	0.035	0.072	0.020	29.8
Ab braided reach	0	3,905	240	0.001	45.63	12.0	190	7.64	3.11	62.2	0.021	0.080	0.019	27.8
Drains large area of willows.	1	3,954	49	0.450	2.28	10.8	245	6.51	0.27	94.9	0.023	0.039	0.025	38.9
Near beaver ponds on LB.	0	4,164	210	0.001	47.91	11.9	151	6.89	2.64	63.4	0.032	0.031	0.020	30.5
Inflow from beaver ponds.	1	4,189	25	0.450	2.87	12.0	165	6.99	0.36	77.1	0.014	0.031	0.018	33.5
Blw beaver ponds on LB	0	4,430	241	0.001	50.78	11.6	199	7.05	2.51	65.3	0.031	0.085	0.020	30.4
Downstream from braids.	0	4,670	240	0.001	53.32	12.1	154	6.79	2.33	67.9	0.028	0.077	0.020	32.2
Along smooth reach of stream	0	4,970	300	0.001	54.92	12.5	210	7.04	2.33	69.3	0.053	0.069	0.019	33.4
Upstream from beaver inflow	0	5,190	220	0.001	55.47	12.4	216	7.00	2.30	68.9	0.046	0.055	0.020	34.3
Drains beaver pond	1	5,210	20	0.450	0.28	15.4	316	7.74	0.28	85.8	0.008	0.051	0.010	54.8
Drains ponds.	1	5,407	197	0.450	0.28	17.9	210	6.83	1.58	58.9	0.015	0.397	0.011	32.5
site.	0	5,467	60	0.001	56.02	11.1	212	7.37	2.30	70.6	0.024	0.079	0.018	31.6
Drains upstream from tailings piles	1	5,648	181	0.450	0.56	13.7	211	7.30	2.52	73.8	0.031	0.104	0.017	32.4
Along tailings piles. Last AMIN1.	0	6,038	390	0.001	56.58	11.4	216	7.14	2.26	70.7	0.013	0.071	0.018	31.6
Inflow from Howardsville Mill	1	6,438	400	0.001	0.57	15.5	606	5.68	5.17	306.8	0.563	0.704	0.030	77.5
Blw Howardsville Mill	0	6,528	90	0.001	57.15	10.7	218	7.33	2.26	74.0	0.040	0.099	0.018	35.3
Cunningham Gulch.	1	6,558	30	0.450	11.43	10.5	208	7.60	0.28	54.1	0.023	0.016	0.043	36.2
Blw Cunningham Gulch	0	6,618	60	0.001	68.58	10.9	222	6.98	2.08	70.7	0.036	0.070	0.024	35.0
Hematite Gulch.	1	6,633	15	0.450	3.43	9.3	246	7.81	0.25	69.3	0.008		0.002	43.6
Blw Hematite Gulch	0	6,753	120	0.001	72.01	10.5	147	7.09	1.80	70.4	0.004	0.080	0.024	33.3
UAEH4 site. At Howardsville gage	0	6,993	240	0.001	72.73	10.5	219	6.86	1.76	70.4	0.026	0.075	0.024	35.3
Drains LB adit up hill	1	7,008	15	0.450	0.01	7.9	536	7.09	0.30	265.7	0.023	0.048	0.009	95.7
Drains old mill site	1	7,013	5	0.450	0.13	10.1	187	7.25	3.79	46.6	0.026	0.040	0.004	30.9
Also drains old mill?	1	7,063	50	0.450	0.17	9.6	300	6.90	4.79	108.1	0.032	0.010	0.010	52.7
Blw clean/dirty inflows	0	7,250	187	0.001	72.92	9.4	233	7.13	1.84	71.0	0.041	0.075	0.023	37.0

ShortName	Trib	Dist	Cd, diss	Cu,diss	Cu, tot	Fe, diss	Fe, tot	Mg, diss	Mn, diss	Mn, tot	Na, diss	SiO2, diss
Upstream from injection site	0	0	0.002	0.023	0.012		0.085	2.184	0.779	0.780	0.922	3.94
First site below injection	0	80	0.003	0.085	0.012	0.008	0.083	2.137	0.754	0.759	8.717	4.03
UAEH1 site. Ab Eureka Gulch.	0	282	0.003	0.017	0.013		0.088	2.158	0.766	0.782	7.353	4.01
Eureka Gulch	1	347	0.002	0.014	0.008		0.076	2.337	0.118	0.123	1.229	5.58
Blw Eureka Gulch	0	586	0.002	0.007	0.011		0.078	2.233	0.576	0.582	5.437	4.11
Near RB talus slope	0	786	0.002	0.020	0.011		0.078	2.228	0.574	0.587	5.460	4.25
Ab first braids	0	906	0.001	0.033	0.010	0.006	0.079	2.233	0.566	0.579	5.486	4.54
Upper braided reach	0	1,061	0.002	0.006	0.012		0.081	2.228	0.567	0.574	5.416	4.69
Left braid nr Forest Queen	0	1,411	0.002	0.033	0.012	0.005	0.077	2.322	0.583	0.563	5.600	4.67
Braid A	0	1,618	0.002	0.006	0.009		0.062	2.202	0.564	0.587	5.301	4.41
Braid B	0	1,618	0.003	0.141	0.009	0.014	0.063	2.254	0.562	0.581	5.917	4.61
Braid C	0	1,618	0.003	0.005		0.005		2.307	0.582		5.736	4.71
Braid D	0	1,618	0.002	0.008	0.008		0.049	2.210	0.552	0.566	5.251	4.49
Left braid blw Forest Queen	0	1,918	0.002	0.004	0.008		0.055	2.153	0.527	0.523	4.983	4.35
RB inflow resembles stream water	1	1,940	0.002	0.007	0.007	0.029	0.029	2.445	0.562	0.562	5.179	6.15
Ab Forest Queen inflow	0	2,030	0.002	0.006	0.006		0.032	2.045	0.377	0.384	4.033	4.900
Inflow from Forest Queen Mine	1	2,090	0.003	0.006	0.009	0.130	0.294	2.318	0.193	0.198	1.468	6.789
UAEH2 site. Ab Minnie Gulch.	0	2,240	0.001	0.006	0.004	0.003	0.031	2.025	0.343	0.340	3.346	5.13
Ab Minnie Gulch	0	2,420	0.001	0.004	0.005		0.032	1.950	0.327	0.346	4.140	4.95
Minnie Gulch	1	2,465	0.001	0.002	0.000	0.049	0.193	2.905	0.021	0.029	2.402	6.44
Blw Minnie Gulch A	0	2,620	0.001	0.004	0.004		0.048	2.036	0.290	0.301	3.437	4.60
Blw Minnie Gulch B	0	2,620	0.002	0.004	0.004		0.061	2.074	0.301	0.360	3.547	4.81
Near braided area	0	2,860	0.001	0.004	0.004		0.044	2.053	0.299	0.304	4.562	5.08
Ab inflow nr Kitty Mack	0	3,150	0.001	0.003	0.004		0.045	2.127	0.296	0.292	4.670	5.23
Ab Otto Gulch fan	1	3,165	0.003	0.002	0.003		0.008	3.723	0.073	0.076	2.244	11.90
Blw braids nr Kitty Mack	0	3,400	0.002	0.004	0.003		0.034	2.079	0.242	0.250	2.785	5.33
Drains hillslope or aluvium	1	3,405	0.002	0.003	0.001		0.019	1.986	0.003	0.009	1.603	6.39
Ab Maggie Gulch	0	3,435	0.001	0.003	0.004	0.001	0.032	2.140	0.222	0.219	3.898	5.61
Maggie Gulch	1	3,450	0.000	0.002			0.002	2.844	0.001	0.001	2.603	4.99
Blw Maggie Gulch	0	3,665	0.001	0.004	0.003		0.023	2.172	0.210	0.206	3.962	5.52
Ab braided reach	0	3,905	0.001	0.004	0.003		0.021	2.073	0.196	0.211	2.530	5.25
Drains large area of willows.	1	3,954	0.002	0.004	0.002		0.001	2.537	0.122	0.124	1.756	8.38
Near beaver ponds on LB.	0	4,164	0.001	0.005	0.005	0.001		2.203	0.192	0.172	2.455	5.62
Inflow from beaver ponds.	1	4,189	0.001	0.001			0.001	2.143	0.038	0.040	1.449	6.90
Blw beaver ponds on LB	0	4,430	0.001	0.005	0.002		0.023	2.214	0.172	0.174	3.116	5.65
Downstream from braids.	0	4,670	0.001	0.003	0.002	0.003	0.024	2.256	0.158	0.162	2.306	5.86
Along smooth reach of stream	0	4,970	0.001	0.002	0.001		0.015	2.283	0.154	0.152	2.710	5.87
Upstream from beaver inflow	0	5,190	0.001	0.002	0.003		0.019	2.314	0.149	0.146	2.768	5.77
Drains beaver pond	1	5,210	0.001	0.001	0.002	0.037	0.107	2.446	0.056	0.069	3.327	6.62
Drains ponds.	1	5,407	0.001	0.003	0.028		0.796	1.928	0.100	0.413	2.071	9.24
site.	0	5,467	0.001	0.005	0.002	0.001	0.024	2.238	0.137	0.140	2.846	5.90
Drains upstream from tailings piles	1	5,648	0.001	0.004	0.004	0.036	0.077	2.554	0.259	0.214	2.792	6.69
Along tailings piles. Last AMIN1.	0	6,038	0.002	0.002	0.002		0.031	2.220	0.135	0.139	2.414	5.94
Inflow from Howardsville Mill	1	6,438	0.009	0.000	0.023	11.676	15.543	8.784	18.546	18.966	2.772	14.96
Blw Howardsville Mill	0	6,528	0.001	0.002	0.002	0.059	0.299	2.339	0.365	0.376	2.729	5.82
Cunningham Gulch.	1	6,558	0.001	0.000	0.000	0.000	0.025	2.162	0.005	0.006	1.790	5.23
Blw Cunningham Gulch	0	6,618	0.001	0.002	0.003	0.013	0.226	2.373	0.292	0.297	2.295	5.99
Hematite Gulch.	1	6,633	0.001	0.001	0.000			2.019	0.000	0.002	2.440	5.99
Blw Hematite Gulch	0	6,753	0.001	0.006	0.002	0.008	0.161	2.283	0.279	0.290	2.396	5.95
UAEH4 site. At Howardsville gage	0	6,993	0.002	0.011	0.001	0.020	0.141	2.354	0.284	0.282	2.136	5.95
Drains LB adit up hill	1	7,008	0.002		0.000	1.034	2.164	6.139	1.035	0.985	5.208	20.86
Drains old mill site	1	7,013	0.003	0.040	0.045		0.040	1.958	0.011	0.021	2.480	7.47
Also drains old mill?	1	7,063	0.010	0.025	0.027			2.607	0.001	0.000	3.431	10.13
Blw clean/dirty inflows	0	7,250	0.002	0.002	0.003	0.003	0.174	2.354	0.287	0.287	2.768	5.68

ShortName	Trib	Dist	SiO2, tot	Sr, diss	Sr, tot	Zn, diss	Zn, tot
Upstream from injection site	0	0	4.38	0.172	0.171	0.467	0.428
First site below injection	0	80	4.26	0.165	0.166	0.541	0.412
UAEH1 site. Ab Eureka Gulch.	0	282	4.45	0.167	0.172	0.391	0.418
Eureka Gulch	1	347	5.81	0.398	0.417	0.299	0.308
Blw Eureka Gulch	0	586	4.80	0.241	0.245	0.365	0.384
Near RB talus slope	0	786	4.85	0.244	0.247	0.382	0.381
Ab first braids	0	906	4.76	0.239	0.247	0.418	0.373
Upper braided reach	0	1,061	4.75	0.244	0.239	0.335	0.365
Left braid nr Forest Queen	0	1,411	4.80	0.248	0.243	0.414	0.353
Braid A	0	1,618	4.79	0.237	0.244	0.326	0.349
Braid B	0	1,618	4.76	0.242	0.249	0.651	0.347
Braid C	0	1,618		0.248		0.339	
Braid D	0	1,618	4.21	0.238	0.240	0.302	0.324
Left braid blw Forest Queen	0	1,918	4.62	0.232	0.234	0.301	0.314
RB inflow resembles stream water	1	1,940	6.15	0.281	0.281	0.728	0.728
Ab Forest Queen inflow	0	2,030	5.060	0.232	0.236	0.347	0.360
Inflow from Forest Queen Mine	1	2,090	6.935	0.228	0.229	0.483	0.493
UAEH2 site. Ab Minnie Gulch.	0	2,240	5.16	0.242	0.236	0.353	0.355
Ab Minnie Gulch	0	2,420	5.13	0.227	0.239	0.332	0.359
Minnie Gulch	1	2,465	6.86	0.504	0.520	0.008	0.007
Blw Minnie Gulch A	0	2,620	5.26	0.254	0.263	0.284	0.303
Blw Minnie Gulch B	0	2,620	6.04	0.265	0.318	0.292	0.360
Near braided area	0	2,860	5.34	0.263	0.268	0.294	0.307
Ab inflow nr Kitty Mack	0	3,150	5.00	0.276	0.267	0.302	0.309
Ab Otto Gulch fan	1	3,165	11.76	0.405	0.410	0.879	0.882
Blw braids nr Kitty Mack	0	3,400	5.48	0.261	0.269	0.304	0.318
Drains hillslope or aluvium	1	3,405	6.73	0.304	0.306	0.325	0.321
Ab Maggie Gulch	0	3,435	5.75	0.284	0.277	0.337	0.329
Maggie Gulch	1	3,450	4.47	0.378	0.369	0.008	0.001
Blw Maggie Gulch	0	3,665	5.60	0.290	0.286	0.291	0.301
Ab braided reach	0	3,905	5.75	0.270	0.292	0.286	0.312
Drains large area of willows.	1	3,954	8.26	0.367	0.371	0.456	0.451
Near beaver ponds on LB.	0	4,164	5.65	0.288	0.292	0.288	0.286
Inflow from beaver ponds.	1	4,189	7.15	0.328	0.336	0.222	0.228
Blw beaver ponds on LB	0	4,430	5.52	0.292	0.296	0.286	0.293
Downstream from braids.	0	4,670	5.82	0.305	0.310	0.278	0.294
Along smooth reach of stream	0	4,970	5.92	0.311	0.304	0.286	0.282
Upstream from beaver inflow	0	5,190	6.07	0.318	0.309	0.284	0.278
Drains beaver pond	1	5,210	6.68	0.646	0.646	0.012	0.018
Drains ponds.	1	5,407	14.34	0.336	0.345	0.218	0.291
site.	0	5,467	5.76	0.306	0.313	0.276	0.285
Drains upstream from tailings piles	1	5,648	6.77	0.304	0.304	0.308	0.295
Along tailings piles. Last AMIN1.	0	6,038	6.12	0.312	0.316	0.272	0.290
Inflow from Howardsville Mill	1	6,438	15.32	0.516	0.512	7.282	7.714
Blw Howardsville Mill	0	6,528	6.38	0.324	0.332	0.364	0.388
Cunningham Gulch.	1	6,558	5.43	0.363	0.372	0.026	0.026
Blw Cunningham Gulch	0	6,618	6.02	0.341	0.342	0.298	0.310
Hematite Gulch.	1	6,633	6.13	0.596	0.604	0.013	0.014
Blw Hematite Gulch	0	6,753	5.83	0.345	0.349	0.282	0.295
UAEH4 site. At Howardsville gage	0	6,993	5.72	0.346	0.342	0.321	0.293
Drains LB adit up hill	1	7,008	20.31	0.885	0.840	0.368	0.366
Drains old mill site	1	7,013	7.59	0.307	0.302	0.298	0.294
Also drains old mill?	1	7,063	10.30	0.596	0.615	1.369	1.392
Blw clean/dirty inflows	0	7,250	6.17	0.348	0.343	0.286	0.296

Trib	Dist	Filt	Zn	Total	CFS	Cl, diss	SO4, diss	Al, diss	Al, tot	Ba, diss	Ba, tot	Ca, diss	Cd, diss	Cd, tot	Cu,diss
0	0	0.001	0.467	0.428	12.58	0.20	54.7	0.066	0.287	0.012	0.012	26.4	0.002	0.003	0.023
0	0	0.450	0.404		12.58	0.20	54.7	0.072		0.012		25.7	0.002		0.007
0	0	1.000	0.428		12.58	0.20	54.7	0.287		0.012		25.4	0.003		0.012
0	80	0.001	0.541	0.412	12.58	14.20	55.2	0.060	0.285	0.011	0.012	25.8	0.003	0.002	0.085
0	80	0.450	0.431		12.58	14.20	55.2	0.067		0.012		24.7	0.002		0.030
0	80	1.000	0.412		12.58	14.20	55.2	0.285		0.012		24.6	0.002		0.012
0	282	0.001	0.391	0.418	12.58	11.42	55.2	0.074	0.300	0.012	0.012	25.2	0.003	0.002	0.017
0	282	0.450	0.384		12.58	11.42	55.2	0.080		0.011		25.5	0.002		0.006
0	282	1.000	0.418		12.58	11.42	55.2	0.300		0.012		24.9	0.002		0.013
0	586	0.001	0.365	0.384	18.37	7.59	66.4	0.084	0.239	0.012	0.012	30.9	0.002	0.002	0.007
0	586	0.450	0.346		18.37	7.59	66.4	0.075		0.012		28.3	0.002		0.005
0	586	1.000	0.384		18.37	7.59	66.4	0.239		0.012		30.3	0.002		0.011
0	786	0.001	0.382	0.381	18.37	7.59	66.5	0.065	0.238	0.012	0.012	30.7	0.002	0.002	0.020
0	786	0.450	0.352		18.37	7.59	66.5	0.083		0.012		29.8	0.002		0.006
0	786	1.000	0.381		18.37	7.59	66.5	0.238		0.012		29.5	0.002		0.011
0	906	0.001	0.418	0.373	18.55	7.58	66.0	0.053	0.232	0.011	0.012	28.8	0.001	0.002	0.033
0	906	0.450	0.331		18.55	7.58	66.0	0.071		0.012		28.2	0.002		0.005
0	906	1.000	0.373		18.55	7.58	66.0	0.232		0.012		29.7	0.002		0.010
0	1,061	0.001	0.335	0.365	18.55	7.50	65.5	0.053	0.233	0.012	0.012	28.2	0.002	0.002	0.006
0	1,061	0.450	0.356		18.55	7.50	65.5	0.082		0.012		29.7	0.002		0.005
0	1,061	1.000	0.365		18.55	7.50	65.5	0.233		0.012		29.2	0.002		0.012
0	1,411	0.001	0.414	0.353	18.55	7.61	66.5	0.065	0.224	0.012	0.012	29.8	0.002	0.002	0.033
0	1,411	0.450	0.340		18.55	7.61	66.5	0.088		0.012		30.1	0.002		0.005
0	1,411	1.000	0.353		18.55	7.61	66.5	0.224		0.012		28.2	0.002		0.012
0	1,618	0.001	0.326	0.349	18.74	7.39	66.1	0.076	0.210	0.011	0.012	30.0	0.002	0.002	0.006
0	1,618	0.450	0.329		18.74	7.39	66.1	0.102		0.012		31.0	0.002		0.004
0	1,618	1.000	0.349		18.74	7.39	66.1	0.210		0.012		29.5	0.002		0.009
0	1,618	0.001	0.651	0.347	18.74	7.39	66.1	0.079	0.209	0.012	0.012	29.1	0.003	0.002	0.141
0	1,618	0.450	0.332		18.74	7.39	66.1	0.092		0.012		29.6	0.002		0.009
0	1,618	1.000	0.347		18.74	7.39	66.1	0.209		0.012		30.1	0.002		0.009
0	1,618	0.001	0.339		18.74	7.39	66.1	0.053		0.012		30.4	0.003		0.005
0	1,618	0.450	0.324		18.74	7.39	66.1	0.086		0.011		28.6	0.002		0.006
0	1,618	0.001	0.302	0.324	18.74	7.39	66.1	0.077	0.194	0.011	0.012	28.5	0.002	0.002	0.008
0	1,618	0.450	0.314		18.74	7.39	66.1	0.106		0.012		30.4	0.002		0.005
0	1,618	1.000	0.324		18.74	7.39	66.1	0.194		0.012		31.0	0.002		0.008
0	1,918	0.001	0.301	0.314	19.30	7.09	65.9	0.083	0.186	0.011	0.012	29.1	0.002	0.002	0.004
0	1,918	0.450	0.318		19.30	7.09	65.9	0.098		0.012		30.1	0.002		0.005
0	1,918	1.000	0.314		19.30	7.09	65.9	0.186		0.012		27.9	0.002		0.008
0	2,030	0.001	0.347	0.360	27.80	5.00	61.33	0.059	0.136	0.012	0.012	27.57	0.002	0.002	0.006
0	2,030	0.450	0.348		27.80	5.00	61.33	0.069		0.011		27.43	0.002		0.004
0	2,030	1.000	0.360		27.80	5.00	61.33	0.136		0.012		27.99	0.002		0.006
1	2,090	0.450	0.483	0.493	0.60	1.40	63.56	0.025	0.060	0.009	0.010	26.93	0.003	0.003	0.006
1	2,090	1.000	0.493		0.60	1.40	63.56	0.060		0.010		25.97	0.003		0.009
0	2,240	0.001	0.353	0.355	28.35	4.45	62.2	0.039	0.120	0.012	0.012	27.9	0.001	0.002	0.006
0	2,240	0.450	0.347		28.35	4.45	62.2	0.064		0.012		28.7	0.002		0.003
0	2,240	1.000	0.355		28.35	4.45	62.2	0.120		0.012		28.2	0.002		0.004
0	2,420	0.001	0.332	0.359	28.35	4.51	61.8	0.048	0.118	0.011	0.012	26.9	0.001	0.001	0.004
0	2,420	0.450	0.349		28.35	4.51	61.8	0.075		0.012		29.2	0.001		0.003
0	2,420	1.000	0.359		28.35	4.51	61.8	0.118		0.012		27.8	0.001		0.005
0	2,620	0.001	0.284	0.303	32.31	3.93	61.9	0.067	0.120	0.015	0.016	29.0	0.001	0.001	0.004

0	2,620	0.450	0.298		32.31	3.93	61.9	0.061		0.016		28.6	0.002		0.003
0	2,620	1.000	0.303		32.31	3.93	61.9	0.120		0.016		28.8	0.001		0.004
0	2,620	0.001	0.292	0.360	32.31	3.93	61.9	0.058	0.157	0.016	0.020	29.6	0.002	0.002	0.004
0	2,620	0.450	0.305		32.31	3.93	61.9	0.060		0.017		29.6	0.002		0.003
0	2,620	1.000	0.360		32.31	3.93	61.9	0.157		0.020		36.0	0.002		0.004
0	2,860	0.001	0.294	0.307	32.96	4.00	62.2	0.055	0.121	0.016	0.017	28.0	0.001	0.002	0.004
0	2,860	0.450	0.302		32.96	4.00	62.2	0.060		0.017		29.2	0.002		0.003
0	2,860	1.000	0.307		32.96	4.00	62.2	0.121		0.017		28.4	0.002		0.004
0	3,150	0.001	0.302	0.309	34.28	3.72	61.7	0.037	0.125	0.017	0.016	29.2	0.001	0.001	0.003
0	3,150	0.450	0.297		34.28	3.72	61.7	0.063		0.016		29.1	0.002		0.002
0	3,150	1.000	0.309		34.28	3.72	61.7	0.125		0.016		29.9	0.001		0.004
0	3,400	0.001	0.304	0.318	38.39	3.33	64.0	0.035	0.097	0.016	0.016	27.8	0.002	0.002	0.004
0	3,400	0.450	0.317		38.39	3.33	64.0	0.070		0.017		30.9	0.002		0.001
0	3,400	1.000	0.318		38.39	3.33	64.0	0.097		0.016		28.9	0.002		0.003
0	3,435	0.001	0.337	0.329	42.62	2.94	63.5	0.053	0.089	0.018	0.018	29.7	0.001	0.001	0.003
0	3,435	0.450	0.323		42.62	2.94	63.5	0.034		0.018		28.6	0.002		0.004
0	3,435	1.000	0.329		42.62	2.94	63.5	0.089		0.018		29.1	0.001		0.004
0	3,665	0.001	0.291	0.301	45.17	2.77	62.6	0.035	0.072	0.020	0.020	29.8	0.001	0.001	0.004
0	3,665	0.450	0.312		45.17	2.77	62.6	0.062		0.021		32.6	0.002		0.001
0	3,665	1.000	0.301		45.17	2.77	62.6	0.072		0.020		29.8	0.001		0.003
0	3,905	0.001	0.286	0.312	45.63	3.11	62.2	0.021	0.080	0.019	0.020	27.8	0.001	0.001	0.004
0	3,905	0.450	0.305		45.63	3.11	62.2	0.045		0.020		30.0	0.001		0.004
0	3,905	1.000	0.312		45.63	3.11	62.2	0.080		0.020		30.1	0.001		0.003
0	4,164	0.001	0.288	0.286	47.91	2.64	63.4	0.032	0.031	0.020	0.020	30.5	0.001	0.001	0.005
0	4,164	1.000	0.311		47.91	2.64	63.4	0.083		0.020		30.6	0.001		0.003
0	4,430	0.001	0.286	0.293	50.78	2.51	65.3	0.031	0.085	0.020	0.020	30.4	0.001	0.001	0.005
0	4,430	0.450	0.288		50.78	2.51	65.3	0.054		0.020		31.9	0.002		0.001
0	4,430	1.000	0.293		50.78	2.51	65.3	0.085		0.020		32.3	0.001		0.002
0	4,670	0.001	0.278	0.294	53.32	2.33	67.9	0.028	0.077	0.020	0.020	32.2	0.001	0.001	0.003
0	4,670	0.450	0.284		53.32	2.33	67.9	0.053		0.020		32.9	0.001		0.001
0	4,670	1.000	0.294		53.32	2.33	67.9	0.077		0.020		33.0	0.001		0.002
0	4,970	0.001	0.286	0.282	54.92	2.33	69.3	0.053	0.069	0.019	0.019	33.4	0.001	0.002	0.002
0	4,970	0.450	0.287		54.92	2.33	69.3	0.034		0.019		32.1	0.001		0.002
0	4,970	1.000	0.282		54.92	2.33	69.3	0.069		0.019		32.4	0.002		0.001
0	5,190	0.001	0.284	0.278	55.47	2.30	68.9	0.046	0.055	0.020	0.019	34.3	0.001	0.001	0.002
0	5,190	0.450	0.284		55.47	2.30	68.9	0.026		0.019		32.1	0.002		0.004
0	5,190	1.000	0.278		55.47	2.30	68.9	0.055		0.019		32.1	0.001		0.003
0	5,467	0.001	0.276	0.285	56.02	2.30	70.6	0.024	0.079	0.018	0.019	31.6	0.001	0.001	0.005
0	5,467	0.450	0.289		56.02	2.30	70.6	0.042		0.019		34.2	0.001		0.002
0	5,467	1.000	0.285		56.02	2.30	70.6	0.079		0.019		34.1	0.001		0.002
0	6,038	0.001	0.272	0.290	56.58	2.26	70.7	0.013	0.071	0.018	0.019	31.6	0.002	0.001	0.002
0	6,038	0.450	0.287		56.58	2.26	70.7	0.028		0.019		33.2	0.002		0.002
0	6,038	1.000	0.290		56.58	2.26	70.7	0.071		0.019		33.2	0.001		0.002
0	6,528	0.001	0.364	0.388	57.15	2.26	74.0	0.040	0.099	0.018	0.019	35.3	0.001	0.002	0.002
0	6,528	0.450	0.371		57.15	2.26	74.0	0.042		0.019		34.8	0.001		0.002
0	6,528	1.000	0.388		57.15	2.26	74.0	0.099		0.019		35.5	0.002		0.002
0	6,618	0.001	0.298	0.310	68.58	2.08	70.7	0.036	0.070	0.024	0.025	35.0	0.001	0.001	0.002
0	6,618	0.450	0.302		68.58	2.08	70.7	0.048		0.024		33.7	0.002		0.002
0	6,618	1.000	0.310		68.58	2.08	70.7	0.070		0.025		35.1	0.001		0.003
0	6,753	0.001	0.282	0.295	72.01	1.80	70.4	0.004	0.080	0.024	0.024	33.3	0.001	0.001	0.006
0	6,753	0.450	0.276		72.01	1.80	70.4	0.035		0.023		34.8	0.002		0.001

0	6,753	1.000	0.295		72.01	1.80	70.4	0.080		0.024		36.5	0.001		0.002
0	6,993	0.001	0.321	0.293	72.73	1.76	70.4	0.026	0.075	0.024	0.024	35.3	0.002	0.001	0.011
0	6,993	0.450	0.299		72.73	1.76	70.4	0.050		0.024		36.5	0.002		
0	6,993	1.000	0.293		72.73	1.76	70.4	0.075		0.024		35.7	0.001		0.001
0	7,250	0.001	0.286	0.296	72.92	1.84	71.0	0.041	0.075	0.023	0.023	37.0	0.002	0.002	0.002
0	7,250	0.450	0.297		72.92	1.84	71.0	0.023		0.024		34.4	0.002		0.003
0	7,250	1.000	0.296		72.92	1.84	71.0	0.075		0.023		34.5	0.002		0.003
1	347	0.001	0.299	0.308	5.79	0.27	90.7	0.064	0.135	0.012	0.012	38.0	0.002	0.002	0.014
1	347	0.450	0.295		5.79	0.27	90.7	0.064		0.012		37.4	0.002		0.007
1	347	1.000	0.308		5.79	0.27	90.7	0.135		0.012		38.8	0.002		0.008
1	1,940	1.000	0.728	0.728				0.154	0.154	0.015	0.015	32.9	0.002	0.002	0.007
1	2,465	0.450	0.008	0.007	3.97	0.21	61.0	0.057	0.136	0.048	0.051	36.5	0.001	0.000	0.002
1	2,465	1.000	0.007		3.97	0.21	61.0	0.136		0.051		37.1	0.000		0.000
1	3,165	0.450	0.879	0.882	4.11	0.24	128.0	0.085	0.068	0.016	0.016	49.5	0.003	0.003	0.002
1	3,165	1.000	0.882		4.11	0.24	128.0	0.068		0.016		47.8	0.003		0.003
1	3,405	0.450	0.325	0.321	4.22	0.65	58.9	0.028	0.016	0.027	0.027	30.6	0.002	0.001	0.003
1	3,405	1.000	0.321		4.22	0.65	58.9	0.016		0.027		29.1	0.001		0.001
1	3,450	0.450	0.008	0.001	2.56	0.19	43.8	0.017	0.037	0.047	0.046	33.4	0.000	0.000	0.002
1	3,450	1.000	0.001		2.56	0.19	43.8	0.037		0.046		35.0	0.000		
1	3,954	0.450	0.456	0.451	2.28	0.27	94.9	0.023	0.039	0.025	0.025	38.9	0.002	0.002	0.004
1	3,954	1.000	0.451		2.28	0.27	94.9	0.039		0.025		40.4	0.002		0.002
1	4,189	0.450	0.222	0.228	2.87	0.36	77.1	0.014	0.031	0.018	0.019	33.5	0.001	0.001	0.001
1	4,189	1.000	0.228		2.87	0.36	77.1	0.031		0.019		35.6	0.001		
1	5,210	0.450	0.012	0.018	0.28	0.28	85.8	0.008	0.051	0.010	0.012	54.8	0.001	0.001	0.001
1	5,210	1.000	0.018		0.28	0.28	85.8	0.051		0.012		56.7	0.001		0.002
1	5,407	0.450	0.218	0.291	0.28	1.58	58.9	0.015	0.397	0.011	0.018	32.5	0.001	0.003	0.003
1	5,407	1.000	0.291		0.28	1.58	58.9	0.397		0.018		32.9	0.003		0.028
1	5,648	0.450	0.308	0.295	0.56	2.52	73.8	0.031	0.104	0.017	0.017	32.4	0.001	0.001	0.004
1	5,648	1.000	0.295		0.56	2.52	73.8	0.104		0.017		32.3	0.001		0.004
1	6,438	0.001	7.282	7.714	0.57	5.17	306.8	0.563	0.704	0.030	0.031	77.5	0.009	0.011	0.000
1	6,438	0.450	7.597		0.57	5.17	306.8	0.518		0.030		80.2	0.009		0.000
1	6,438	1.000	7.714		0.57	5.17	306.8	0.704		0.031		79.6	0.011		0.023
1	6,558	0.450	0.026	0.026	11.43	0.28	54.1	0.023	0.016	0.043	0.045	36.2	0.001	0.001	0.000
1	6,558	1.000	0.026		11.43	0.28	54.1	0.016		0.045		36.7	0.001		0.000
1	6,633	0.450	0.013	0.014	3.43	0.25	69.3	0.008		0.002	0.002	43.6	0.001	0.001	0.001
1	6,633	1.000	0.014		3.43	0.25	69.3			0.002		43.7	0.001		0.000
1	7,008	0.450	0.368	0.366	0.01	0.30	265.7	0.023	0.048	0.009	0.009	95.7	0.002	0.004	
1	7,008	1.000	0.366		0.01	0.30	265.7	0.048		0.009		93.1	0.004		0.000
1	7,013	0.450	0.298	0.294	0.13	3.79	46.6	0.026	0.040	0.004	0.004	30.9	0.003	0.003	0.040
1	7,013	1.000	0.294		0.13	3.79	46.6	0.040		0.004		29.6	0.003		0.045
1	7,063	0.450	1.369	1.392	0.17	4.79	108.1	0.032	0.010	0.010	0.010	52.7	0.010	0.010	0.025
1	7,063	1.000	1.392		0.17	4.79	108.1	0.010		0.010		50.6	0.010		0.027

Cu, tot	Fe, diss	Fe, tot	Mg, diss	Mn, diss	Mn, tot	Na, diss	SiO2, diss	SiO2, tot	Sr, diss	Sr, tot	Zn, diss	Zn, tot
0.012		0.085	2.184	0.779	0.780	0.922	3.94	4.38	0.172	0.171	0.467	0.428
	0.010		2.212	0.792		0.861	4.28		0.173		0.404	
	0.085		2.182	0.780		0.769	4.38		0.171		0.428	
0.012	0.008	0.083	2.137	0.754	0.759	8.717	4.03	4.26	0.165	0.166	0.541	0.412
	0.006		2.120	0.758		8.463	4.14		0.167		0.431	
	0.083		2.120	0.759		8.420	4.26		0.166		0.412	
0.013		0.088	2.158	0.766	0.782	7.353	4.01	4.45	0.167	0.172	0.391	0.418
	0.007		2.166	0.774		7.343	4.16		0.170		0.384	
	0.088		2.192	0.782		7.474	4.45		0.172		0.418	
0.011		0.078	2.233	0.576	0.582	5.437	4.11	4.80	0.241	0.245	0.365	0.384
	0.005		2.160	0.557		5.230	4.58		0.236		0.346	
	0.078		2.252	0.582		5.532	4.80		0.245		0.384	
0.011		0.078	2.228	0.574	0.587	5.460	4.25	4.85	0.244	0.247	0.382	0.381
	0.007		2.234	0.572		5.451	4.65		0.242		0.352	
	0.078		2.272	0.587		5.594	4.85		0.247		0.381	
0.010	0.006	0.079	2.233	0.566	0.579	5.486	4.54	4.76	0.239	0.247	0.418	0.373
	0.002		2.158	0.553		5.217	4.55		0.236		0.331	
	0.079		2.237	0.579		5.363	4.76		0.247		0.373	
0.012		0.081	2.228	0.567	0.574	5.416	4.69	4.75	0.244	0.239	0.335	0.365
	0.006		2.245	0.574		5.331	4.65		0.248		0.356	
	0.081		2.229	0.574		5.371	4.75		0.239		0.365	
0.012	0.005	0.077	2.322	0.583	0.563	5.600	4.67	4.80	0.248	0.243	0.414	0.353
	0.011		2.237	0.570		5.481	4.67		0.244		0.340	
	0.077		2.217	0.563		5.353	4.80		0.243		0.353	
0.009		0.062	2.202	0.564	0.587	5.301	4.41	4.79	0.237	0.244	0.326	0.349
	0.000		2.273	0.585		5.421	4.65		0.245		0.329	
	0.062		2.276	0.587		5.352	4.79		0.244		0.349	
0.009	0.014	0.063	2.254	0.562	0.581	5.917	4.61	4.76	0.242	0.249	0.651	0.347
	0.011		2.263	0.577		5.570	4.77		0.248		0.332	
	0.063		2.277	0.581		5.377	4.76		0.249		0.347	
	0.005		2.307	0.582		5.736	4.71		0.248		0.339	
	0.004		2.174	0.550		5.338	4.57		0.239		0.324	
0.008		0.049	2.210	0.552	0.566	5.251	4.49	4.21	0.238	0.240	0.302	0.324
	0.003		2.236	0.563		5.336	4.47		0.246		0.314	
	0.049		2.236	0.566		5.316	4.21		0.240		0.324	
0.008		0.055	2.153	0.527	0.523	4.983	4.35	4.62	0.232	0.234	0.301	0.314
	0.007		2.278	0.558		5.232	4.76		0.248		0.318	
	0.055		2.134	0.523		4.481	4.62		0.234		0.314	
0.006		0.032	2.045	0.377	0.384	4.033	4.900	5.060	0.232	0.236	0.347	0.360
			2.010	0.375		4.673	4.957		0.232		0.348	
	0.032		2.045	0.384		4.672	5.060		0.236		0.360	
0.009	0.130	0.294	2.318	0.193	0.198	1.468	6.789	6.935	0.228	0.229	0.483	0.493
	0.294		2.331	0.198		1.321	6.935		0.229		0.493	
0.004	0.003	0.031	2.025	0.343	0.340	3.346	5.13	5.16	0.242	0.236	0.353	0.355
			1.961	0.340		3.669	4.81		0.236		0.347	
	0.031		1.997	0.340		3.009	5.16		0.236		0.355	
0.005		0.032	1.950	0.327	0.346	4.140	4.95	5.13	0.227	0.239	0.332	0.359
			1.987	0.341		3.753	4.75		0.236		0.349	
	0.032		1.984	0.346		4.965	5.13		0.239		0.359	
0.004		0.048	2.036	0.290	0.301	3.437	4.60	5.26	0.254	0.263	0.284	0.303

	0.008		2.096	0.300		3.936	5.24		0.266		0.298	
	0.048		2.070	0.301		2.912	5.26		0.263		0.303	
0.004		0.061	2.074	0.301	0.360	3.547	4.81	6.04	0.265	0.318	0.292	0.360
	0.009		2.159	0.308		3.001	5.41		0.274		0.305	
	0.061		2.499	0.360		4.240	6.04		0.318		0.360	
0.004		0.044	2.053	0.299	0.304	4.562	5.08	5.34	0.263	0.268	0.294	0.307
	0.010		2.121	0.303		2.956	5.29		0.269		0.302	
	0.044		2.078	0.304		3.205	5.34		0.268		0.307	
0.004		0.045	2.127	0.296	0.292	4.670	5.23	5.00	0.276	0.267	0.302	0.309
	0.001		2.039	0.283		3.347	5.17		0.261		0.297	
	0.045		2.082	0.292		3.446	5.00		0.267		0.309	
0.003		0.034	2.079	0.242	0.250	2.785	5.33	5.48	0.261	0.269	0.304	0.318
	0.002		2.138	0.250		3.185	5.12		0.272		0.317	
	0.034		2.091	0.250		3.070	5.48		0.269		0.318	
0.004	0.001	0.032	2.140	0.222	0.219	3.898	5.61	5.75	0.284	0.277	0.337	0.329
	0.002		2.072	0.216		2.626	5.62		0.275		0.323	
	0.032		2.131	0.219		3.398	5.75		0.277		0.329	
0.003		0.023	2.172	0.210	0.206	3.962	5.52	5.60	0.290	0.286	0.291	0.301
	0.001		2.298	0.216		3.063	5.55		0.300		0.312	
	0.023		2.187	0.206		3.239	5.60		0.286		0.301	
0.003		0.021	2.073	0.196	0.211	2.530	5.25	5.75	0.270	0.292	0.286	0.312
	0.010		2.191	0.206		2.510	5.61		0.285		0.305	
	0.021		2.228	0.211		3.859	5.75		0.292		0.312	
0.005	0.001		2.203	0.192	0.172	2.455	5.62	5.65	0.288	0.292	0.288	0.286
	0.025		2.266	0.198		3.590	5.92		0.296		0.311	
0.002		0.023	2.214	0.172	0.174	3.116	5.65	5.52	0.292	0.296	0.286	0.293
			2.182	0.171		2.757	5.41		0.291		0.288	
	0.023		2.210	0.174		2.786	5.52		0.296		0.293	
0.002	0.003	0.024	2.256	0.158	0.162	2.306	5.86	5.82	0.305	0.310	0.278	0.294
			2.229	0.157		2.708	5.58		0.303		0.284	
	0.024		2.251	0.162		2.698	5.82		0.310		0.294	
0.001		0.015	2.283	0.154	0.152	2.710	5.87	5.92	0.311	0.304	0.286	0.282
	0.003		2.249	0.154		3.423	5.97		0.313		0.287	
	0.015		2.211	0.152		2.621	5.92		0.304		0.282	
0.003		0.019	2.314	0.149	0.146	2.768	5.77	6.07	0.318	0.309	0.284	0.278
	0.002		2.243	0.146		2.449	6.02		0.314		0.284	
	0.019		2.267	0.146		2.810	6.07		0.309		0.278	
0.002	0.001	0.024	2.238	0.137	0.140	2.846	5.90	5.76	0.306	0.313	0.276	0.285
			2.277	0.142		2.672	5.85		0.320		0.289	
	0.024		2.259	0.140		2.646	5.76		0.313		0.285	
0.002		0.031	2.220	0.135	0.139	2.414	5.94	6.12	0.312	0.316	0.272	0.290
	0.004		2.266	0.137		2.234	6.10		0.317		0.287	
	0.031		2.263	0.139		2.217	6.12		0.316		0.290	
0.002	0.059	0.299	2.339	0.365	0.376	2.729	5.82	6.38	0.324	0.332	0.364	0.388
	0.122		2.315	0.370		2.665	5.99		0.331		0.371	
	0.299		2.375	0.376		2.669	6.38		0.332		0.388	
0.003	0.013	0.226	2.373	0.292	0.297	2.295	5.99	6.02	0.341	0.342	0.298	0.310
	0.081		2.307	0.286		2.532	5.95		0.334		0.302	
	0.226		2.309	0.297		2.453	6.02		0.342		0.310	
0.002	0.008	0.161	2.283	0.279	0.290	2.396	5.95	5.83	0.345	0.349	0.282	0.295
	0.081		2.244	0.276		2.402	5.89		0.338		0.276	

	0.161		2.320	0.290		2.496	5.83		0.349		0.295	
0.001	0.020	0.141	2.354	0.284	0.282	2.136	5.95	5.72	0.346	0.342	0.321	0.293
	0.078		2.342	0.290		2.488	6.12		0.351		0.299	
	0.141		2.275	0.282		2.448	5.72		0.342		0.293	
0.003	0.003	0.174	2.354	0.287	0.287	2.768	5.68	6.17	0.348	0.343	0.286	0.296
	0.079		2.366	0.290		2.569	6.20		0.347		0.297	
	0.174		2.330	0.287		2.483	6.17		0.343		0.296	
0.008		0.076	2.337	0.118	0.123	1.229	5.58	5.81	0.398	0.417	0.299	0.308
	0.012		2.360	0.120		1.153	5.87		0.415		0.295	
	0.076		2.366	0.123		1.284	5.81		0.417		0.308	
0.007	0.029	0.029	2.445	0.562	0.562	5.179	6.15	6.15	0.281	0.281	0.728	0.728
0.000	0.049	0.193	2.905	0.021	0.029	2.402	6.44	6.86	0.504	0.520	0.008	0.007
	0.193		2.980	0.029		3.027	6.86		0.520		0.007	
0.003		0.008	3.723	0.073	0.076	2.244	11.90	11.76	0.405	0.410	0.879	0.882
	0.008		3.665	0.076		1.918	11.76		0.410		0.882	
0.001		0.019	1.986	0.003	0.009	1.603	6.39	6.73	0.304	0.306	0.325	0.321
	0.019		2.004	0.009		1.601	6.73		0.306		0.321	
		0.002	2.844	0.001	0.001	2.603	4.99	4.47	0.378	0.369	0.008	0.001
	0.002		2.799	0.001		2.091	4.47		0.369		0.001	
0.002		0.001	2.537	0.122	0.124	1.756	8.38	8.26	0.367	0.371	0.456	0.451
	0.001		2.525	0.124		1.583	8.26		0.371		0.451	
		0.001	2.143	0.038	0.040	1.449	6.90	7.15	0.328	0.336	0.222	0.228
	0.001		2.203	0.040		1.478	7.15		0.336		0.228	
0.002	0.037	0.107	2.446	0.056	0.069	3.327	6.62	6.68	0.646	0.646	0.012	0.018
	0.107		2.483	0.069		2.453	6.68		0.646		0.018	
0.028		0.796	1.928	0.100	0.413	2.071	9.24	14.34	0.336	0.345	0.218	0.291
	0.796		2.123	0.413		1.744	14.34		0.345		0.291	
0.004	0.036	0.077	2.554	0.259	0.214	2.792	6.69	6.77	0.304	0.304	0.308	0.295
	0.077		2.543	0.214		3.046	6.77		0.304		0.295	
0.023	11.676	15.543	8.784	18.546	18.966	2.772	14.96	15.32	0.516	0.512	7.282	7.714
	12.155		8.915	19.019		3.179	14.50		0.514		7.597	
	15.543		8.948	18.966		3.160	15.32		0.512		7.714	
0.000	0.000	0.025	2.162	0.005	0.006	1.790	5.23	5.43	0.363	0.372	0.026	0.026
	0.025		2.224	0.006		1.605	5.43		0.372		0.026	
0.000			2.019	0.000	0.002	2.440	5.99	6.13	0.596	0.604	0.013	0.014
			2.036	0.002		2.097	6.13		0.604		0.014	
0.000	1.034	2.164	6.139	1.035	0.985	5.208	20.86	20.31	0.885	0.840	0.368	0.366
	2.164		5.941	0.985		3.825	20.31		0.840		0.366	
0.045		0.040	1.958	0.011	0.021	2.480	7.47	7.59	0.307	0.302	0.298	0.294
	0.040		1.914	0.021		2.361	7.59		0.302		0.294	
0.027			2.607	0.001	0.000	3.431	10.13	10.30	0.596	0.615	1.369	1.392
			2.657	0.000		4.415	10.30		0.615		1.392	

ShortName
Upstream from injection site
Upstream from injection site
Upstream from injection site
First site below injection
First site below injection
First site below injection
UAEH1 site. Ab Eureka Gulch.
UAEH1 site. Ab Eureka Gulch.
UAEH1 site. Ab Eureka Gulch.
Blw Eureka Gulch
Blw Eureka Gulch
Blw Eureka Gulch
Near RB talus slope
Near RB talus slope
Near RB talus slope
Ab first braids
Ab first braids
Ab first braids
Upper braided reach
Upper braided reach
Upper braided reach
Left braid nr Forest Queen
Left braid nr Forest Queen
Left braid nr Forest Queen
Braid A
Braid A
Braid A
Braid B
Braid B
Braid B
Braid C
Braid C
Braid D
Braid D
Braid D
Left braid blw Forest Queen
Left braid blw Forest Queen
Left braid blw Forest Queen
Ab Forest Queen inflow
Ab Forest Queen inflow
Ab Forest Queen inflow
Inflow from Forest Queen Mine
Inflow from Forest Queen Mine
UAEH2 site. Ab Minnie Gulch.
UAEH2 site. Ab Minnie Gulch.
UAEH2 site. Ab Minnie Gulch.
Ab Minnie Gulch
Ab Minnie Gulch
Ab Minnie Gulch
Blw Minnie Gulch A

Blw Minnie Gulch A
Blw Minnie Gulch A
Blw Minnie Gulch B
Blw Minnie Gulch B
Blw Minnie Gulch B
Near braided area
Near braided area
Near braided area
Ab inflow nr Kitty Mack
Ab inflow nr Kitty Mack
Ab inflow nr Kitty Mack
Blw braids nr Kitty Mack
Blw braids nr Kitty Mack
Blw braids nr Kitty Mack
Ab Maggie Gulch
Ab Maggie Gulch
Ab Maggie Gulch
Blw Maggie Gulch
Blw Maggie Gulch
Blw Maggie Gulch
Ab braided reach
Ab braided reach
Ab braided reach
Near beaver ponds on LB.
Near beaver ponds on LB.
Blw beaver ponds on LB
Blw beaver ponds on LB
Blw beaver ponds on LB
Downstream from braids.
Downstream from braids.
Downstream from braids.
Along smooth reach of stream
Along smooth reach of stream
Along smooth reach of stream
Upstream from beaver inflow
Upstream from beaver inflow
Upstream from beaver inflow
UAEH3 stie. Last year's injection site.
UAEH3 stie. Last year's injection site.
UAEH3 stie. Last year's injection site.
site.
site.
site.
Blw Howardsville Mill
Blw Howardsville Mill
Blw Howardsville Mill
Blw Cunningham Gulch
Blw Cunningham Gulch
Blw Cunningham Gulch
Blw Hematite Gulch
Blw Hematite Gulch

Blw Hematite Gulch
UAEH4 site. At Howardsville gage
UAEH4 site. At Howardsville gage
UAEH4 site. At Howardsville gage
Blw clean/dirty inflows
Blw clean/dirty inflows
Blw clean/dirty inflows
Eureka Gulch
Eureka Gulch
Eureka Gulch
RB inflow resembles stream water
Minnie Gulch
Minnie Gulch
Ab Otto Gulch fan
Ab Otto Gulch fan
Water could be from hillslope or aluvium
Water could be from hillslope or aluvium
Maggie Gulch
Maggie Gulch
Drains large area of willows.
Drains large area of willows.
Inflow from beaver ponds.
Inflow from beaver ponds.
Drains beaver pond
Drains beaver pond
Drains ponds.
Drains ponds.
Drains upstream from tailings piles
Drains upstream from tailings piles
Inflow from Howardsville Mill
Inflow from Howardsville Mill
Inflow from Howardsville Mill
Cunningham Gulch.
Cunningham Gulch.
Hematite Gulch.
Hematite Gulch.
Drains LB adit up hill
Drains LB adit up hill
Drains old mill site
Drains old mill site
Also drains old mill?
Also drains old mill?